

RESTRICTED USE PESTICIDE

Due to acute toxicity to humans, aquatic organisms, and avian species. For retail sale to and use only by certified applicators or persons under their direct supervision, and only for those uses covered by the certified applicator's certification.



THONEX® 3EC
EPA REG. NO. 66222-63
**COOLEY SPRUCE ADELGID AND DOUGLAS
FIR NEEDLE MIDGE
IN CONIFERS (GROWN AS CHRISTMAS TREES)
IN THE STATE OF IDAHO
EPA SLN NO. ID-030002**

SUPPLEMENTAL LABELING FOR DISTRIBUTION AND USE ONLY IN THE STATE OF IDAHO

It is unlawful to use this product in conifers (grown as Christmas trees) after July 31, 2012.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

All applicable directions, restrictions, Worker Protection Standard requirements and precautions on the EPA registered label are to be followed.

This labeling must be in the possession of the user at the time of pesticide application.

Personal Protective Equipment and Agricultural Use Requirements on the EPA registered product label must be followed.

CROP	PEST	MAXIMUM RATE OF APPLICATION
Conifers (Grown as Christmas Trees)	Cooley Spruce Adelgid and Douglas Fir Needle Midge	$\frac{3}{4}$ quart per 100 gallons of water (ground application) $\frac{3}{4}$ quart to 1 $\frac{1}{2}$ quarts per acre in minimum 5 gallons of water (aerial application)

RATE AND METHOD OF APPLICATION

- **Ground application:** Use $\frac{3}{4}$ quart of Thionex 3EC ($\frac{1}{2}$ pound active ingredient) per 100 gallons of water. Spray to wet and ensure thorough coverage. Depending on the size of trees being sprayed, 100 gallons of tank-mix will usually treat 2 to 4 acres.
- **Aerial application:** Use $\frac{3}{4}$ to 1 $\frac{1}{2}$ quarts of Thionex 3EC ($\frac{1}{2}$ to 1 pound active ingredient) per acre in a minimum of 5 gallons of water.

TIMING OF APPLICATION

- **Cooley Spruce Gall Adelgid:** Apply just prior to, at or just after bud break when adelgids are still in the crawler stage. Application may also be made in the Fall
- **Douglas Fir Needle Midge:** Application timing should be determined through the use of fly emergence cages. Adults usually emerge shortly before buds break. Instructions for using fly emergence cages can be obtained through the local Extension office.

RESTRICTIONS / PRECAUTIONS

- As a precaution, treat a few trees of each variety that are to be sprayed for potential phytotoxicity problems before treating the whole acreage
- A 30 foot vegetative buffer strip must be maintained between all areas treated with this product and rivers, natural ponds, lakes, streams, reservoirs, marshes, estuaries, and commercial fish ponds.

- Do not apply this product through any type of irrigation system.
- Do not apply this product using a backpack sprayer.
- Do not exceed a maximum of 1½ quarts of Thionex 3EC (1 pound active ingredient) per acre per application for aerial application. For ground application, do not exceed a maximum of ¾ quart per 100 gallons of water.
- Do not exceed a maximum of 4 quarts of Thionex 3EC (3 pounds active ingredient) per acre per year.
- Restricted Entry Interval (REI) of 2 days.
- This product is extremely toxic to fish and aquatic invertebrates and toxic to birds and mammals. Thionex 3EC must not be used where impact on listed threatened or endangered species is likely. You may contact the US Fish & Wildlife Service for information on listed threatened or endangered species. Consult the Federal label for additional restrictions and precautions to protect aquatic organisms.
- A 100 foot spray buffer is required for ground boom applications between a treated area and water bodies. See the EPA registered product label for details and limits regarding boom width, nozzle selection, spray release height, and wind speed limitations.
- A 300 foot spray buffer is required for aerial applications between a treated area and water bodies. See the EPA registered product label for details and limits regarding boom width, nozzle selection, spray release height, and wind speed limitations.

24(c) Registrant:

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® denotes registered trademark

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